

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	04/27/2017 04/27/2017	Bob Duffey

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_NA0015_01_s _ 2013_1				
Comment Code					
Inspector Comment					
The LMA has O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				
DWR ID	DWR_NA0015_01_s _ 2013_2				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies and equipment.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 North Fork Feather River	Left	1.89	04/27/2017 04/27/2017	Bob Duffey

LM Start		Rating **	A	Issue No.	3	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				o	
					o	
DWR ID	DWR_NA0015_01_s_2013_3					
Comment Code						
Inspector Comment						
The LMA has completed flood flight training in the past.						

No Photos

LM Start	0.00	Rating **	M	Issue No.	11
LM End	1.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.273168 °	40.297283 °
				-121.244783 °	-121.257025 °
DWR ID	DWR_NA0015_01_f_2015_11				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the small pine trees and other vegetation from the levee slope.					

Photo 1 of 1 : SP_2017_NA0015_337_11_20170315_00008.jpg



View of the small pine trees and other vegetation on the slope.

LM Start	0.00	Rating **	M	Issue No.	12
LM End	1.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.273168 °	40.297283 °
				-121.244783 °	-121.257025 °
DWR ID	DWR_NA0015_01_f_2015_12				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove all small pine trees and other vegetation from the levee slope.					

Photo 1 of 1 : SP_2017_NA0015_337_12_20170315_00009.jpg



View of the small pine trees and other vegetation on the slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 North Fork Feather River	Left	1.89	04/27/2017 04/27/2017	Bob Duffey

LM Start	0.01	Rating **	M	Issue No.	15
LM End	0.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.273274 °	40.273274 °
				-121.244779 °	-121.244779 °
DWR ID	DWR_NA0015_01_f_2016_15				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0015_337_15_20170315_00011.jpg



View of the damaged slope by vehicle traffic.

LM Start	0.12	Rating **	M	Issue No.	14
LM End	0.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.274660 °	40.274660 °
				-121.245638 °	-121.245638 °
DWR ID	DWR_NA0015_01_s_2017_14				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the small pine trees from the landside slope.					

Photo 1 of 1 : SP_2017_NA0015_337_14_20170505_00015.jpg



View of the small pine trees along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	04/27/2017 04/27/2017	Bob Duffey

LM Start	0.55	Rating **	M	Issue No.	9
LM End	0.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.279790 °	121.249850 °
				40.279790 °	121.249850 °
DWR ID	DWR_NA0015_01_s _ 2012_9				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

A photograph showing a wide, gravelly stream bed. The water is shallow and clear, revealing the light-colored gravel and sand on the bottom. The banks are covered with sparse green vegetation and small shrubs. In the background, a line of trees is visible under a bright sky. A date stamp '04/21/2016' is located in the bottom right corner of the image.

LM Start	0.68	Rating **	M	Issue No.	4					
LM End	0.68	Issue Type +	Ma	Location *	LS					
Category	Earthen Levee			GPS Latitude/Longitude						
				Start	End					
Item	Encroachments			40.281480 °	40.281480 °					
				-121.250928 °	-121.250928 °					
DWR ID	DWR_NA0015_01_s _ 2013_4									
Comment Code										
PR : Prunings										
Inspector Comment										

LM Start	0.96	Rating **	A/W	Issue No.	5					
LM End	0.96	Issue Type +	Ma	Location *	WS					
Category	Earthen Levee			GPS Latitude/Longitude						
				Start	End					
Item	Slope Stability			40.285363 °	40.285363 °					
				-121.251973 °	-121.251973 °					
DWR ID	DWR_NA0015_01_f _ 2013_5									
Comment Code										
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.										
Inspector Comment										

View of the vehicle erosion along the waterside slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	04/27/2017 04/27/2017	Bob Duffey

LM Start	1.41	Rating **	U	Issue No.	7
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.290758 °	40.291987 °
				-121.255402 °	-121.256072 °
DWR ID	DWR_NA0015_01_f_2014_7				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The landowner needs to replace the material that has been removed from the toe of the levee.					

Photo 1 of 2 : SP_2017_NA0015_337_7_20170315_00004.jpg



View of the area where the contractor has removed the material from toe of the levee.

LM Start	1.41	Rating **	U	Issue No.	7 (cont)
LM End	1.50	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_NA0015_337_7_20170315_00005.jpg



View of the area where the contractor has removed the material from toe of the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	04/27/2017 04/27/2017	Bob Duffey

LM Start	0.03	Rating **	C	Issue No.	2
LM End	0.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.286415 °	40.279897 °
				-121.259613 °	-121.252123 °
DWR ID	DWR_NA0015_02_f_2012_2				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Mow or remove the pine trees and other vegetation from the slope.					

No Photos

LM Start	0.03	Rating **	C	Issue No.	1
LM End	1.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.286415 °	40.271743 °
				-121.259613 °	-121.246805 °
DWR ID	DWR_NA0015_02_f_2012_1				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The small pine trees were removed from the waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	04/27/2017 04/27/2017	Bob Duffey

LM Start	0.46	Rating **	M	Issue No.	6
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.283059 °	40.283059 °
				-121.253989 °	-121.253989 °
DWR ID	DWR_NA0015_02_f_2013_6				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0015_338_6_20170315_00005.jpg



View of the vehicle erosion on the landside slope.

LM Start	0.46	Rating **	M	Issue No.	6 (cont)
LM End	0.46	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_NA0015_338_6_20170315_00006.jpg



View of the vehicle erosion on the waterside slope.

LM Start	0.55	Rating **	M	Issue No.	4
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.281950 °	121.253710 °
				40.281950 °	121.253710 °
DWR ID	DWR_NA0015_02_s_2012_4				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0015_338_4_20170315_00003.jpg



View of the slope instability cause by vehicle along the landside slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	04/27/2017 04/27/2017	Bob Duffey

LM Start	0.55	Rating **	M	Issue No.	5
LM End	0.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.281950 °	121.253710 °
				40.281950 °	121.253710 °
DWR ID	DWR_NA0015_02_s_2012_5				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0015_338_5_20170315_00004.jpg



View of the vehicle erosion on the waterside slope.

LM Start	0.72	Rating **	M	Issue No.	10
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.279897 °	40.271772 °
				-121.252123 °	-121.246785 °
DWR ID	DWR_NA0015_02_s _ 2017_10				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the waterside slope.					

Photo 1 of 1 : SP_2017_NA0015_338_10_20170505_00013.jpg



View of the vegetation along the water side slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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